PATENT

Preliminary Classification:

Proposed Class:

Subclass:

NOTE:

*All applicants are requested to include a preliminary classification on newly filed patent applications. The preliminary classification, preferably class and subclass designations, should be Identified in the upper right-hand corner of the letter of transmittal accompanying the application papers, for example 'Proposed Class 2, subclass 129.' " M.P.E.P. § 601, 7th ed.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filling is the patent application of

Inventor(s):

Veijo VANTTINEN

WARNING: 37 C.F.A. § 1.41(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors.

*(1) The Inventorship of a nonprovisional application is that inventorship şet forth in the oath or declaration as prescribed by § 1.63, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to \$ 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in \$ 1.17(i) is filed supplying or changing the name or names of the inventor or inventors."

For (title):

LOCATION OF SUBSCRIBER TERMINAL IN PACKET-SWITCHED RADIO SYSTEM

CERTIFICATION UNDER 37 C.F.R. § 1.10*

(Express Mall label number is mandatory.) (Express Mail certification is optional.)

I hereby certify that this New Application Transmittal and the documents referred to as attached therein are being deposited with the United States Postal Service on this date 26 January 2001 ________ in an envelope as "Express Mail Post Office to Addressee," mailing Label Number _FL627424910US dressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Debra G. Conrad

(type or print name of person malling paper)

Signature of person mailing paper

WARNING: Certificate of melling (first class) or facsimile transmission procedures of 37 C.F.R. § 1.0 cannot be used to obtain a date of mailing or transmission for this correspondence.

*WARNING: Each paper or fee filed by "Express Mall" must have the number of the "Express Mall" mailing label placed thereon prior to mailing, 37 C.F.R. § 1.10(b).

Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

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1.	Type	of	Applicati	on
1.	IVDO	v	Applicati	vı,

This new application is for a(n)

(check one applicable Item below)

KX	Original (nonprovisional)
	Design
	☐ Plant
WARNING	Do not use this transmittal for a completion in the U.S. of an international Application under 35 U.S.C. § 371(c)(4), unless the international Application is being filed as a divisional, continuation or continuation-in-part application.
WARNING	: Do not use this transmittal for the filing of a provisional application.
7.	one of the following 3 Items apply, then complete and attach ADDED PAGES FOR NEW APPLICATION RANSMITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION I PARENT APPLICATION OF THE FILING OF THIS CONTINUATION APPLICATION.
	Divisional.
. 🗆	Continuation.
	Continuation-in-part (C-I-P).
Ronof	It of Prior U.S. Application(s) (35 U.S.C. 66 119(e) 120 or 121)

2. Benefit of Prior U.S. Application(s) (35 U.S.C. 99 119(8), 120, or 121)

NOTE: A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America, in order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U.S.C. § 112. Each prior application must also be:

- (i) An International application entitled to a filing date in accordance with PCT Article 11 and designating the United States of America; or
 - (ii) Complete as set forth in § 1.51(b); or

(iii) Entitled to a filing date as set forth in § 1.53(b) or § 1.53(d) and include the basic filing fee set

(iv) Entitled to a filing date as set forth in § 1.53(b) and have paid therein the processing and retention tee set forth in § 1.21(i) within the time period set forth in § 1.53(i).

37 C.F.R. § 1.78(a)(1).

NOTE: If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an international Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICA-TION(S) CLAIMED.

WARNING: If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. §§ 120, 121 or 365(c), the 20-year term of that application will be based upon the filing date of the earliest U.S. application that the application makes reference to under 35 U.S.C. §§ 120, 121 or 365(c). (35 U.S.C. § 154(a)(2) does not take into account, for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. §§ 119, 365(a) or 365(b).) For a c-l-p application, applicant should review whether any claim in the patent that will issue is supported by an earlier application and, if not, the applicant should consider canceling the reference to the earlier filed application. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60 Fed. Reg. 20,195, at 20,205.

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WARNIN	IG: When the last day of pendency of a provisional application fells on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. § 1.78(a)(3).
	The new application being transmitted claims the benefit of prior U.S. application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.
3. Pape	rs Enclosed
	quired for filling date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 esign) Application
15_ F	Pages of specification
5 F	Pages of claims
_7 5	Sheets of drawing
WARNING	G: DO NOT submit original drawings. A high quality copy of the drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shiny paper and meet the standards according to § 1.84. If corrections to the drawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 C.F.R. § 1.84, see Notice of March 9, 1988 (1990 O.G. 57-62).
In th or	identifying indicia, if provided, should include the application number or the title of the invention, overtor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application. This information should be placed in the back of each sheet of drawing a minimum distance of 1.5 cm. (5/8 inch) down from the top if the page * 37 C.F.R. § 1.84(c)).
	(complete the following, if applicable)
	The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. § 1.84(b).
	formal
	Informal
B. Othe	er Papers Enclosed
	ages of declaration and power of attorney
	ages of abstract
Ot	her
4. Additio	onal papers enclosed
' o	Amendment to claims
	Cancel in this applications claimsbefore calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
	Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered original claims.)
	Preliminary Amendment
[∑]X	Information Disclosure Statement (37 C.F.R. § 1.98)
	Form PTO-1449 (PTO/SB/08A and 08B)
	Citations

(New Application Transmittal [4-1]—page 3 of 11)

	Declaration of Biological Deposit
	Submission of "Sequence Listing," computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.
, 0	Authorization of Attomey(s) to Accept and Follow Instructions from Representa- tive
	Special Comments
	Other
5. Decl	aration or oath (including power of attorney)
	A newly executed declaration is not required in a continuation or divisional application provided that the prior nonprovisional application contained a declaration as required, the application being filed is by all or fewer than all the inventors named in the prior application, there is no new matter in the application being filed, and a copy of the executed declaration filed in the prior application (showing the signature or an indication thereon that it was signed) is submitted. The copy must be eccompanied by a statement requesting deletion of the names of person(s) who are not inventors of the application being filed. If the declaration in the prior application was filed under § 1.47, then a copy of that declaration must be filed accompanied by a copy of the decision granting § 1.47 status or, if a nonsigning person under § 1.47 has subsequently joined in a prior application, then a copy of the subsequently executed declaration must be filed. See 37 C.F.R. §§ 1.63(d)(1)-(3).
	A declaration filed to complete an application must be executed, identify the specification to which it is directed, identify each inventor by full name including family name and at least one given name, without abbreviation together with any other given name or initial, and the residence, post office address and country or citizenship of each inventor, and state whether the inventor is a sole or joint inventor. 37 C.F.R. § 1.63(a)(1)-(4).
Q	Enclosed
	Executed by
	(check all applicable boxes)
	Inventor(s).
	legal representative of inventor(s). 37 C.F.R. §§ 1.42 or 1.43.
	Joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.
	☐ This is the petition required by 37 C.F.R. § 1.47 and the statement required by 37 C.F.R. § 1.47 is also attached. See Item 13 below for fee.
	Not Enclosed.
ป ก	There the filing is a completion in the U.S. of an international Application or where the completion of the U.S. application contains subject matter in addition to the international Application, the application but the treated as a continuation or continuation-in-part, as the case may be, utilizing ADDED PAGE OR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION CLAIMED.
	Application is made by a person authorized under 37 C.F.R. § 1.41(c) on behalf of all the above named inventor(s).
(The d	eclaration or oath, along with the surcharge required by 37 C.F.R. § 1.16(e) can be filed subsequently).
	Showing that the filing is authorized. (not required unless called into question, 37 C.F.R. § 1.41(d))
	(New Application Transmittal [4-1]—page 4 of 11)

6. inver	ntorship Statement
WARNIN	G: If the named inventors are each not the inventors of all the claims an explanation, including the ownership of the various claims at the time the last claimed invention was made, should be submitted.
The inv	ventorship for all the claims in this application are:
	The same.
	or
	Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made,
	☐ Is submitted.
	will be submitted.
7. Lang	ивде
A	An application including a signed oath or declaration may be filed in a language other than English. An English translation of the non-English language application and the processing fee of \$130.00 equired by 37 C.F.A. § 1.17(k) is required to be filed with the application, or within such time as may be set by the Office. 37 C.F.A. § 1.52(d).
D3	English
	Non-English .
•	The attached translation includes a statement that the translation is accurate. 37 C.F.R. § 1.52(d).
8. Assig	nment
(X)	An assignment of the invention to Nokia Mobile Phones Ltd.
	Is attached. A separate TOVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or ☐ FORM PTO 1595 is also attached.
	☐ will follow.
	f an assignment is submitted with a new application, send two separate letters _c one for the application nd one for the assignment." Notice of May 4, 1990 (1114 O.G. 77-78).
WARNING	: A newly executed "CERTIFICATE UNDER 37 C.F.R. § 3.73(b)" must be filed when a continuation- in-part application is filed by an assignee. Notice of April 30, 1993, 1150 O.G. 62-64.

(New Application Transmittal [4-1]—page 5 of 11)



9. Certified Copy

Certified copy(les) of application(s)

Country		Appln, No					Filed
Finland		20000149				anuary	
Country		Appln. No.			Filed		
Country		Appln. No					Filed
from which priority is	clalmed						
🖄 ls (are) atta	iched.						
□ will follow.				,			
	ication forming the I C.F.R. § 1.55(a) and		im fo	r priority must b	e referred	to in	the cath or
U.S. application § 120 is itself en	any foreign priority for international Applititled to priority from W APPLICATION TR	ication from whi a prior foreign i IANSMITTAL Wi	ch thi upplic	s application cla ation, then comp	ims benei olete item	it under 18 on (r 35 U.S.C. the ADDED
A. XX Regular ap	•	, · · · ·					
	CL	AIMS AS FIL	.ED				
Number filed	Nu	ımber Extra		Rate	37 C.F	aslc F .R. § 710.	1.16(a)
Total Claims (37 C.F.R. § 1.16(c))	³⁴ – 20 =	14	×	\$ 18.00	25	52.00	
Independent Claims (37 C.F.R. § 1.16(b))	2 - 3 =	0	×	\$ 80.00			0
Multiple dependent cia	• • •		+	\$: 270.00			
☐ Amendment	cancelling extr	a claims is e	nelo	sed.		:	
	deleting multip					•	
	a claims is not						
NOTE: If the fees for extra prior to the expira		on filing they mu dod set for resp	st be	pald or the clain			
		e Calculation	1		\$ 90	62.00	
B. ☐ Design appl	ication 7 C.F.R. § 1.16	(f)) .					
	Filing Fe	B Calculation)		\$	····	
C. ☐ Plant application (\$ 490.00-3)	atlon 7 C.F.R. § 1.16	(g))					
	Filling fee	calculation		•	\$		

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11. Small Entity Statement(s)
Statement(s) that this is a filling by a small entity under 37 C.F.R. § 1.9 and 1.27 is (are) attached.
WARNING: "Status as a small entity must be specifically established in each application or patent in which the status is available and desired. Status as a small entity in one application or patent does not affect any other application or patent, including applications or patents which are directly or indirectly dependent upon the application or patent in which the status has been established. The refiling of an application under § 1.53 as a continuation, division, or continuation-in-part (including a continued prosecution application under § 1.53(d)), or the filing of a reissue application requires a new determination as to continued entitlement to small entity status for the continuing or reissue application. A nonprovisional application claiming benefit under 35 U.S.C. § 119(e), 120, 121, or 365(c) of a prior application, or a reissue application may rely on a statement filed in the prior application or in the patent or includes a reference to the statement in the prior application or in the patent or includes a copy of the statement in the prior application or in the patent and status as a small entity is still proper and classived. The payment of the small entity basic statutory filing fee will be treated as such a reference for purposes of this section." 37 C.F.R. § 1.28(a)(2).
WARNING: "Small entity status must not be established when the person or persons signing the statement can unequivocally make the required self-certification." M.P.E.P., § 509.03, 6th ed., rev. 2, July 1996 (emphasis added).
(complete the following, If applicable)
Status as a small entity was claimed in prior application
/, filed on, from which benefit
Is being claimed for this application under:
35 U.S.C. § [] 119(e), [] 120, [] 121, [] 365(c),
and which status as a small entity is still proper and desired.
☐ A copy of the statement in the prior application is included.
Filing Fee Calculation (50% of A, B or C above)
\$
NOTE: Any excess of the full fee paid will be refunded if small entitly status is established and a refund request are filed within 2 months of the date of timely payment of a full fee. The two-month period is not extendable under § 1.136. 37 C.F.R. § 1.28(a).
12. Request for International-Type Search (37 C.F.R. § 1.104(d))
(complete, if applicable)
Please prepare an international-type search report for this application at the time when national examination on the merits takes place.

(New Application Transmittal [4-1]-page 7 of 11)



13. F	өө Рау	ment Being Made at This Time	
	□ No	t Enclosed	
		No filing fee is to be paid at this time. (This and the surcharge required by 37 C.F.R. subsequently.)	§ 1.16(e) can be pald
1	O End	closed	:
	C)\$	Filing fee	\$ 962.00
	Ø	Recording assignment (\$40.00; 37 C.F.R. § 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION".)	\$ 40.00
		Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. §§ 1.47 and 1.17(i))	\$
			\$
		Processing and retention fee (\$130.00; 37 C.F.R. §§ 1.53(d) and 1.21(l))	.\$
		Fee for International-type search report (\$40.00; 37 C.F.R. § 1.21(e))	\$
NOTE:	falling to 37 C.F.F either th	13. § 1.21(I) establishes a fee for processing and retaining any application pursuant to 37 C.F.R. § 1.53(I) and this is \$\frac{1}{2}\$. §§ 1.53 and 1.78(a)(1), Indicate that in order to obtain the benew basic filing fee must be paid, or the processing and retention for year from notification under § 53(I).	is, as well as the changes to fit of a prior U.S. application,
		Total fees enclosed	\$ 1,002.00
14. Me	thod o	f Payment of Fees	•
K)	Chec	ck in the amount of \$_1,002.00	•
C	\$	rge Account No.	in the amount of
NOTE:		plicate of this transmittal is attached. uld be itemized in such a manner that it is clear for which purpose	the fees are paid. 37 C.F.R.

15. Authorization to Charge Additional Fees

WARNING: If no loss are to be paid on filing, the following items should not be completed.

WARNING: Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized.

- The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 16-1350
 - 37 C.F.R. § 1.16(a), (f) or (g) (filling fees)
 - 37 C.F.R. § 1.16(b), (c) and (d) (presentation of extra claims)
- NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deliciency (37 C.F.R. § 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.
 - 37 C.F.R. § 1.16(e) (surcharge for filling the basic filling fee and/or declaration
 on a date later than the filling date of the application)

 - XX 37 C.F.R. § 1.17 (application processing fees)
- NOTE: ". . A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee sat forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 C.F.R. § 1.136(a)(3).
 - 37 C.F.R. § 1.18 (Issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b))
- NOTE: Where an authorization to charge the Issue fee to a deposit account has been filed before the melling of a Notice of Allowance, the Issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance, 37 C.F.R. § 1.311(b).
- NOTE: 37 C.F.R. § 1.28(b) requires "Notification of any change in status resulting in loss of entitlement to small entity status must be filed in the application...prior to paying, or at the time of paying.... the issue fee..." From the wording of 37 C.F.R. § 1.28(b), (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.

(New Application Transmittal [4-1]-page 9 of 11)

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16.	Instructions	as to	Overnavme	∍nt

NOTE: ". . . Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account." 37 C.F.R. § 1.26(a).

[X] Credit Account No. 16-1350

☐ Refund

SEND ALL CORRESPONDENCE TO: Clarence A. Green, Reg. No.: 24,622 PERMAN & GREEN, LLP 425 Post Road Fairfield, Connecticut 06430

Reg. No. 24,622

Tel. No. (203) 259-1800

Customer No. 2512

SIGNATURE OF PRACTITIONER

Clarence A. Green

(type or print name of attorney)

PERMAN & GREEN, LLP

P.O. Address

425 Post Road, Fairfield, Connecticut 06430

(New Application Transmittal [4-1]-page 10 of 11)

	Inco	poration by reference of added pages
	p s: II	check the following item if the application in this transmittal claims the benefit of rior U.S. application(s) (including an international application entering the U.S. tage as a continuation, divisional or C-I-P application) and complete and attach ne ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF RIOR U.S. APPLICATION(S) CLAIMED)
		Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed
	•	Number of pages added
		Plus Added Pages for Papers Referred to In Item 4 Above
		Number of pages added
		Plus added pages deleting names of inventor(s) named in prior application(s) who is/are no longer inventor(s) of the subject matter claimed in this application.
	,	Number of pages added
•		Plus "Assignment Cover Letter Accompanying New Application"
,		Number of pages added
(X)	State	ment Where No Further Pages Added
		no further pages form a part of this Transmittal, then end this Transmittal with is page and check the following Item)
	(X)	This transmittal ends with this page.

Attorney's Docket No.: 324-010115-US(PAR) PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Express Mail No.: EL627424910US
In re application of: Veijo VANTTINEN

Group No .:

Serial No.: 0 / Filed: Herewith

Examiner:

For: LOCATION OF SUBSCRIBER TERMINAL IN PACKET-SWITCHED RADIO SYSTEM

Commissioner of Patents and Trademarks Washington, D.C. 20231

TRANSMITTAL OF CERTIFIED COPY

Attached please find the certified copy of the foreign application from which priority is claimed for this case:

Country

: Finland

Application Number

20000149

Filing Date

: 26 January 2000

WARNING: "When a document that is required by statute to be certified must be filed, a copy, including a photocopy or facsimile transmission of the certification is not acceptable." 37 CFD 1.4(f) (emphasis added.)

SIGNATURE OF ATTORNEY

Reg. No.: 24,622

Clarence A. Green

Type or print name of attorney

Tel. No.: (203) 259-1800

Perman & Green, LLP

P.O. Address

Customer No.: 2512

425 Post Road, Fairfield, CT 06430

NOTE: The claim to priority need be in no special form and may be made by the attorney or agent if the foreign application is referred to in the oath or declaration as required by § 1.63

(Transmittal of Certified Copy [5-4])